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2814
thw

May 19, 2004

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

RE: Application No. 09/964,645
Filed: September 28, 2001
**THIN FILM TRANSISTOR ARRAY SUBSTRATE FOR LIQUID CRYSTAL
DISPLAY**
Inventor: Dong-Gyu KIM
Our Ref: 6192.0257.AA

Sir:


The following documents are forwarded herewith for appropriate action by the U.S.
Patent and Trademark Office:

1. A Transmittal Letter;
2. An Information Disclosure Statement;
3. A 1449 Form along with a copy of the cited references; and
4. One Acknowledgement postcard.

It is respectfully requested that the attached copy of the postcard be stamped with the
filing date of these documents and returned to our courier.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee
deficiency, or credit any overpayment, to our Deposit Account No. 23-1951 referencing docket
number 6192.0257.AA.

Respectfully submitted,


Hae-Chan Park
Reg. No. 50,114

HCP/tmk
Enclosures



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Dong-Gyu KIM

Appl. No. 09/964,645

Filed: September 28, 2001

For: **THIN FILM TRANSISTOR
ARRAY SUBSTRATE FOR
LIQUID CRYSTAL DISPLAY**

Art Unit: 2814

Examiner: WEISS, Howard

Atty. Docket: 6192.0257.AA

Information Disclosure Statement

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure under 37 C.F.R. §§ 1.56, 1.97 and 1.98, applicant respectfully brings the following information listed on accompanying Form PTO-1449 to the attention of the examiner.

Where the publication date of a listed document does not provide a month of publication, the year of publication of the listed document is sufficiently earlier than the effective U.S. filing date and any foreign priority date so that the month of publication is not in issue. Applicant has listed publication dates on the attached PTO-1449 based on information presently available to the undersigned. However, the listed publication dates should not be construed as an admission that the information was actually published on the date indicated.

Applicant reserves the right to establish the patentability of the claimed invention over any of the information provided herewith, and/or to prove that this information may not be prior

art, and/or to prove that this information may not be enabling for the teachings purportedly offered.

This statement should not be construed as a representation that a search has been made, or that information more material to the examination of the present patent application does not exist. The Examiner is specifically requested not to rely solely on the material submitted herewith. It is further understood that the Examiner will consider information that had been cited by or submitted to the U.S. Patent and Trademark Office in a prior application relied on under 35 U.S.C. §120. 1138 OG 37, 38 (May 19, 1992).

Applicant has checked the appropriate boxes below.

- ☒ 1. This Information Disclosure Statement is being filed within three months of the U.S. filing date OR before the mailing date of a first Office Action on the merits OR before the mailing date of a first Office Action after the filing of a request for continued examination under 37 C.F.R. §1.114. No certification or fee is required.
- ☐ 2. This Information Disclosure Statement is being filed more than three months after the U.S. filing date AND after the mailing date of the first Office Action on the merits, but before the mailing date of a Final Rejection or Notice of Allowance.
- ☐ a. I hereby certify that each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. § 1.97(e)(1).
- ☐ b. I hereby certify that no item of information in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R.

§ 1.56(c) more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. § 1.97(e)(2).

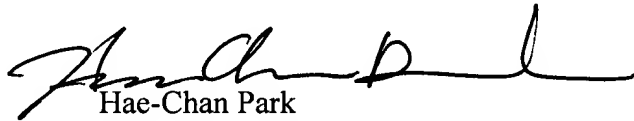
- ☐ c. Attached is our check in the amount of \$ 180.00 in payment of the fee under 37 C.F.R. § 1.17(p).
- ☐ 3. This Information Disclosure Statement is being filed more than three months after the U.S. filing date and after the mailing date of a Final Rejection or Notice of Allowance, but before payment of the Issue Fee. It is hereby requested that the Information Disclosure Statement be considered.
- ☐ a. I hereby certify that each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. § 1.97(e)(1).
- ☐ b. I hereby certify that no item of information in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. § 1.97(e)(2).
- ☐ 4. Relevance of the non-English language document(s) is discussed in the present specification.
- ☐ 5. A concise explanation of the relevance of the non-English language document(s) appears below:
- ☐ 6. The Examiner's attention is directed to co-pending U.S. Patent Application No. _____, filed _____, which is directed to related technical subject matter. The identification of this U.S. Patent Application is not to be construed as a waiver of secrecy as to that application now or upon issuance of the present application as a patent. The Examiner is respectfully requested to consider the cited application and the art cited therein during examination.

- ☐ 7. Copies of the documents were cited by or submitted to the Office in Application No. _____, filed _____, which is relied upon for an earlier filing date under 35 U.S.C. § 120. Thus, copies of these documents are not attached. 37 C.F.R. § 1.98(d).

It is respectfully requested that the Examiner initial and return a copy of the enclosed PTO-1449, and to indicate in the official file wrapper of this patent application that the documents have been considered.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 23-1951.

Respectfully submitted,


Hae-Chan Park
Reg. No. 50,114

Date: May 19, 2004

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LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S
INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

Page 1 of 1

Attorney Docket No.:
6192.0257.AASerial No.:
09/964,645Applicant:
Dong-Gyu KIMFiling Date:
September 28, 2001Group:
2814

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

EXAMINERS INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPRO.)
	6,587,174	July 1, 2003	Nakano	349	139	
	6,525,788	February 25, 2003	Nakagawa et al.	349	44	

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	NO
	JP2001-147448	May 29, 2001	JAPAN	G02F	1/1365	<input checked="" type="checkbox"/> Abstract	<input type="checkbox"/>
	JP2000-122097	April 28, 2000	JAPAN	G02F	1/136	<input checked="" type="checkbox"/> Abstract	<input type="checkbox"/>
	JP2001-159764	June 12, 2001	JAPAN	G02F	1/1365	<input checked="" type="checkbox"/> Abstract	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>
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						<input type="checkbox"/>	<input type="checkbox"/>

OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not conformance and not considered. Include copy of this form with next communication to applicant.